



C o u n t y o f S a n L u i s O b i s p o

GENERAL SERVICES AGENCY

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Request For Quotation #25337-H Wireless Outdoor Network For Airport Parking Kiosks

QUESTIONS AND ANSWERS

Updated: October 27, 2011

October 26, 2011

October 20, 2011

1. What is the prevailing wage in that area and what classification does it fall under? (I found one under title "communications installer" County of SLO for like \$28 per hour plus insurance, etc.) Not sure if this is correct or not.

The County cannot define that for you. The California Department of Industrial relations web page may help. <http://www.dir.ca.gov/DLSR/PWD/>

2. Since we have not had to deal with a prevailing wage job before, how does it work? Does the labor we quote hourly have to be no greater than say \$28 per hour, or???

The County cannot define that for you. The California Department of Industrial relations web page may help. <http://www.dir.ca.gov/DLSR/PWD/>

3. Where do we account for labor on this sheet if we anticipate 3 days at 8 hours per day, etc.?

List your labor cost on line item 2, below your equipment cost on line item 1.

4. What is the payment schedule once the job begins and is completed? (When can someone expect payment once the job is complete?)

Typical payment schedule is 30 days after invoice.

5. I don't see any min thru put expectations or requirements on the info sheet.

Minimum thru put expectation is 22 Mbps at each kiosk location.

6. Are there other wireless devices (AP's) that we cannot interfere with in the area, and if so, what freq are they on?

Unknown, recommend site survey analysis.

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7. Can we do a spectrum survey the same day as the walk thru to make sure we are not conflicting with any other devices, unless you know already 100% what's in the area?

This is recommended.

Update on October 26, 2011:

The following questions refer to this picture:



8. Can you confirm that the areas outlined in red are the areas that need to be covered by the network?

Yes

9. Can you confirm if the areas outlined in blue (A and B) need coverage, as well?

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Area A is to be included. Your drawing is incomplete and coverage of blue area A is actually larger than shown on your drawing.

10. Can you confirm if there are light poles, or other poles, that can be mounted to?

No. Many of the existing poles are PG&E owned and cannot be mounted to. Many poles are Airport owned and may or may not be mounted to. Your firm will need to field verify and indicate in your proposal.

11. If existing poles are available, can you identify what type of lighting may be on them (mercury vapor, etc) and how tall they are?

No. Your firm needs to field verify and include the information in the proposal.

12. If existing poles are not suitable, could additional poles/power be supplied if needed?

Include any new or required poles in your proposal as needed to construct a complete system with total coverage. We will consider.

13. What is the termination requirement (meaning, do these nodes feed back to an Internet connection or a server on-site? Where is that server/ISP located?)?

The wireless network will terminate on the County private network with an Ethernet wired uplink. Nodes connect to public Internet via County private network. Wireless nodes should be placed on their own private IP network, County will provide default route to the Internet.

Update on October 27, 2011:

14. What kind of warrantee and maintenance agreement do you need, not listed?

We will accept the hardware warrant provided by the manufacture. Typical construction warranty for 1 year.

15. Since you only have 3 dark days for the Kiosk wireless solar budget, any plans to enhance to what is needed or do you just go to another mode when the units are down? The reason I ask is you may have to reset the whole thing after big storms do to NAK buffer timeouts.

The DPT Kiosks are designed for 2 weeks of dark days.

16. On the ruckus client units used in the Kiosks, the specs say external 3dbi antenna. According to ruckus support and website specs the external antenna is attached

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physically to the ruckus bridge itself. If this complete unit is inside the Kiosk the gain will be significantly less than 3dB. Is the Kiosk manufacturer going to re-locate the small 3dB antenna to the outside of the Kiosk?

The antenna is exposed at about 2-1/2".

17. Are we allowed to mount to brown lighting poles we were told YES by your airport manager, what was the voltage in the poles feeding the lights. He did not know but said he would find out and post on the Q&A but the Q&A says no we need to verify????? This is all info that should be available from your facilities management. We did not want to start opening up electrical panels and light poles because we did not have permission or we would have...

The voltage to the new light poles in the lower lot is 208v. This is just for the new brown poles pointed out during the job walk.

Electricity is only flowing to the light poles when activated by a timer and photocell at the vault. They do not have a continuous live circuit with individual photocells at each pole.

18. We were told the poles were 30ft tall so was this incorrect info from airport staff at the site walk?

The new brown light poles in the lower lot are 30 ft poles on concrete bases. There are two 16 ft brown poles at the pedestrian walk leading up from the lower lot.